

Converting Colors

XYZ(75.9066, 72.0732, 75.4378)

Have a look what the booklet for
XYZ(75.9066, 72.0732, 75.4378)
contains.

XYZ(75.7159, 71.7984, 75.5135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.7159, 71.7984,
75.5135)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD2D9
RGB	252, 210, 217
RGB Percent	99%, 82%, 85%
CMY	0.0118, 0.1764, 0.1490
CMYK	0.00, 0.17, 0.14, 0.01
HSL	350°, 88%, 91%
HSV	350°, 17%, 99%
XYZ	75.7159, 71.7984, 75.5135
YIQ	223.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

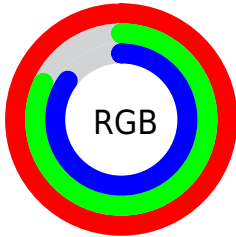
Format	Color
R _Y B	252, 210, 217
Decimal	16569049
CIE Lab	87.87, 15.78, 2.06
CIE LCh	88, 15.915, 7.426
Yxy	71.7984, 0.3395, 0.3219
Android (android.graphics.Color)	4294759129 (0xFFFC D2D9)
YUV	223.3560, -3.1335, 25.1208
Hunter-Lab	84.7339, 11.2183, 6.4755

Details

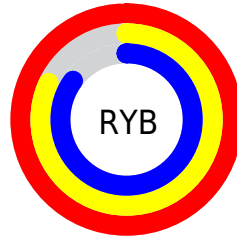
The XYZ color **75.7159, 71.7984, 75.5135** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8730, 89.9169, 99.6419**, and the grayscale version is **70.4043, 74.0708, 80.6631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7486, 37.6534, 39.3026** is the 20% darker color. If you saturate the color by 10%, you get **67.4174, 59.2979, 60.1165**, and if you desaturate by 10%, it is **85.3458, 86.4037, 93.0712**.

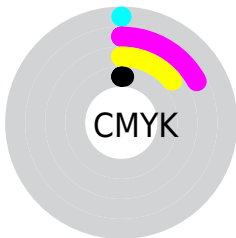
Distribution



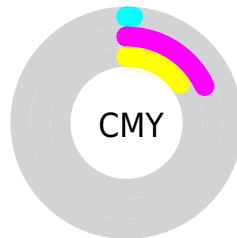
- Red (99%)
- Green (82%)
- Blue (85%)



- Red (99%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7159, 71.7984, 75.5135 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.7159, 71.7984, 75.5135 by changing the saturation by 10% instead.


 75.7159, 71.7984,
75.5135

 75.7159, 71.7984,
75.5135


469.3340,
466.8396, 498.9831

 56.4958, 52.9940,
55.5294


126.3077,
121.7699, 128.7928

 40.8391, 37.7980,
39.4243


158.4102,
153.7057, 162.9250

 28.3805, 25.8259,
26.7796


195.5375,
190.7875, 202.6104

 18.7546, 16.6935,
17.1768

238.0550,
233.3997, 248.2674

 11.5961, 10.0162,
10.1973

286.3280,
281.9266, 300.3147

 6.5395, 5.4097,
5.4227

340.7220,

 3.2196, 2.4896,

336.7526, 359.1707

2.4343

401.6022,
398.2621, 425.2540

■ 1.2709, 0.8714,
0.8050

■ 0.1613, 0.0000,
0.0000

■ 75.7159, 71.7984,
75.5135

■ 75.7159, 71.7984,
75.5135

■ 67.4174, 59.2979,
60.1165

■ 85.3458, 86.4037,
93.0712

■ 60.3854, 48.7958,
46.7918

■ 93.9552, 99.4356,
108.8488

■ 54.5588, 40.1911,
35.4516

■ 49.8690, 33.3701,
26.0002

■ 46.2401, 28.2068,
18.3337

■ 43.5870, 24.5587,
12.3378

■ 41.8111, 22.2593,
7.8847

■ 40.7905, 21.0997,
4.8266

■ 40.5628, 20.8626,
4.0774

Harmonies

Analogous

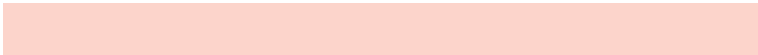
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1850, 71.7984, 86.4531



75.7159, 71.7984, 75.5135



74.1862, 71.7984, 66.1818

Triad

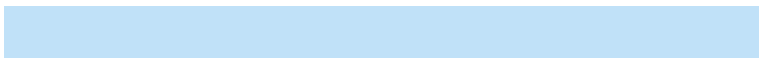
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7159, 71.7984, 75.5135



63.9144, 71.7984, 62.7655



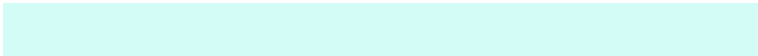
65.4865, 71.7984, 99.0436

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.7159, 71.7984, 75.5135



77.8730, 89.9169, 99.6419

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.6246, 71.7984, 91.5388



75.7159, 71.7984, 75.5135



61.7406, 71.7984, 70.4453

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7159, 71.7984, 75.5135



67.3060, 71.7984, 59.2770



61.2773, 71.7984, 80.9009



69.1871, 71.7984, 100.7180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7159, 71.7984, 75.5135



72.2358, 71.7984, 61.8954



61.2773, 71.7984, 80.9009



64.3986, 71.7984, 97.0876

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.7179, 71.8016, 75.5150



89.4526, 91.4676, 98.8263



78.2758, 72.5373, 101.9718



18.9843, 19.3309, 20.8598



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

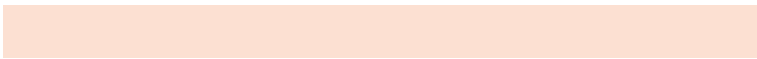
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7179, 71.8016, 75.5150



74.7792, 69.2242, 72.0359



78.4357, 78.6627, 72.0261



17.3625, 17.2724, 18.4989



21.1650, 10.8817, 2.3113



1.9927, 1.0208, 0.3848

Inverse Universe

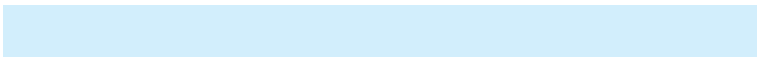
The Inverse Universe completely reimagines the original color for something new.



75.7179, 71.8016, 75.5150



74.7792, 69.2242, 72.0359



74.7262, 81.8815, 103.9625



17.3625, 17.2724, 18.4989



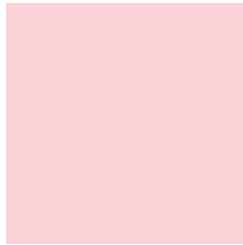
21.1650, 10.8817, 2.3113



1.9927, 1.0208, 0.3848

Previews

White Background



This preview shows how the XYZ color 75.7159, 71.7984, 75.5135 looks on a white background.

Color Contrast Check

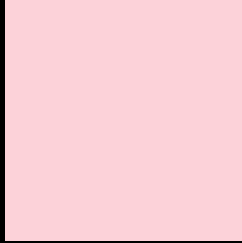
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.7159, 71.7984, 75.5135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

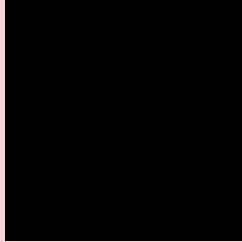
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7159, 71.7984, 75.5135

Background



This preview shows how black text looks on a background with the XYZ color 75.7159, 71.7984, 75.5135.



This preview shows how white text looks on a background with the XYZ color 75.7159, 71.7984,

75.5135.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.7159, 71.7984, 75.5135

Protanopia

69.2568, 71.7843, 79.3128

Deuteranopia

73.1511, 71.6011, 74.9307



Tritanopia

76.8991, 71.9198, 81.0631

Trichromacy



Original Color

75.7159, 71.7984, 75.5135

Protanomaly

71.4058, 71.7715, 77.7999

Deuteranomaly

73.9442, 71.6377, 74.8959

Tritanomaly

76.4933, 71.7575, 78.9262

Monochromacy



Original Color

75.7159, 71.7984, 75.5135

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.0542, 72.8557, 78.6715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7159, 71.7984, 75.5135 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(252, 210, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.7159, 71.7984, 75.5135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 210, 217) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 210, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 210, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7159, 71.7984, 75.5135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 210, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
210, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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